

## Your performance WILL vary

Worker count = 1

5/17/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate Momentus 7200.1 7.2K RPM 160GB 2.5" SATA HDD Raw (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Seagate Momentus 7200.1 Avg Resp (R+W)	Seagate Momentus 7200.1 IOP Sec (R+W)	Seagate Momentus 7200.1 Bandwidth KB Sec (R+W)
4KB	1	100% Seq 100% Read	480	300	3,659,434	14,637,736.0	0.1	-	-	-	3,659,434	14,637,736.0	0.1	12,198	48,792
4KB	2	60% Seq 100% Read	480	300	49,831	199,324.0	6.0	-	-	-	49,831	199,324.0	6.0	166	664
4KB	3	30% Seq 100% Read	480	300	29,890	119,560.0	10.0	-	-	-	29,890	119,560.0	10.0	99	398
4KB	4	0% Seq 100% Read	480	300	21,283	85,132.0	14.1	-	-	-	21,283	85,132.0	14.1	70	283
4KB	5	100% Seq 60% Read	480	300	46,475	185,900.0	0.0	30,992	123,968.0	9.7	77,467	309,868.0	3.9	258	1,032
4KB	6	60% Seq 60% Read	480	300	19,428	77,712.0	5.7	12,812	51,248.0	14.8	32,240	128,960.0	9.3	107	429
4KB	7	30% Seq 60% Read	480	300	14,398	57,592.0	10.1	9,589	38,356.0	16.1	23,987	95,948.0	12.5	79	319
4KB	8	0% Seq 60% Read	480	300	12,121	48,484.0	14.1	8,130	32,520.0	15.8	20,251	81,004.0	14.8	67	270
4KB	9	100% Seq 30% Read	480	300	14,737	58,948.0	0.0	34,407	137,628.0	8.7	49,144	196,576.0	6.1	163	655
4KB	10	60% Seq 30% Read	480	300	7,632	30,528.0	5.8	18,283	73,132.0	14.0	25,915	103,660.0	11.6	86	345
4KB	11	30% Seq 30% Read	480	300	6,490	25,960.0	9.9	15,409	61,636.0	15.3	21,899	87,596.0	13.7	72	291
4KB	12	0% Seq 30% Read	480	300	6,008	24,032.0	14.0	13,733	54,932.0	15.7	19,741	78,964.0	15.2	65	263
4KB	13	100% Seq 0% Read	480	300	-	-	-	35,531	142,124.0	8.4	35,531	142,124.0	8.4	118	473
4KB	14	60% Seq 0% Read	480	300	-	-	-	23,391	93,564.0	12.8	23,391	93,564.0	12.8	77	311
4KB	15	30% Seq 0% Read	480	300	-	-	-	18,957	75,828.0	15.8	18,957	75,828.0	15.8	63	252
4KB	16	0% Seq 0% Read	480	300	-	-	-	19,049	76,196.0	15.7	19,049	76,196.0	15.7	63	253

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8KB	18	100% Seq 100% Read	480	300	1,896,832	15,174,656.0	0.2	-	-	-	1,896,832	15,174,656.0	0.2	6,322	50,582
8KB	19	60% Seq 100% Read	480	300	47,148	377,184.0	6.4	-	-	-	47,148	377,184.0	6.4	157	1,257
8KB	20	30% Seq 100% Read	480	300	29,110	232,880.0	10.3	-	-	-	29,110	232,880.0	10.3	97	776
8KB	21	0% Seq 100% Read	480	300	21,030	168,240.0	14.3	-	-	-	21,030	168,240.0	14.3	70	560
8KB	22	100% Seq 60% Read	480	300	40,087	320,696.0	0.0	26,887	215,096.0	11.1	66,974	535,792.0	4.5	223	1,785
8KB	23	60% Seq 60% Read	480	300	18,295	146,360.0	6.1	12,137	97,096.0	15.5	30,432	243,456.0	9.9	101	811
8KB	24	30% Seq 60% Read	480	300	14,647	117,176.0	10.1	9,736	77,888.0	15.6	24,383	195,064.0	12.3	81	650
8KB	25	0% Seq 60% Read	480	300	12,181	97,448.0	14.2	7,955	63,640.0	15.9	20,136	161,088.0	14.9	67	536
8KB	26	100% Seq 30% Read	480	300	13,868	110,944.0	0.0	32,545	260,360.0	9.2	46,413	371,304.0	6.5	154	1,237
8KB	27	60% Seq 30% Read	480	300	7,511	60,088.0	6.2	17,225	137,800.0	14.7	24,736	197,888.0	12.1	82	659
8KB	28	30% Seq 30% Read	480	300	6,255	50,040.0	10.2	14,855	118,840.0	15.9	21,110	168,880.0	14.2	70	562
8KB	29	0% Seq 30% Read	480	300	5,885	47,080.0	14.2	13,595	108,760.0	15.9	19,480	155,840.0	15.4	64	519
8KB	30	100% Seq 0% Read	480	300	-	-	-	34,869	278,952.0	8.6	34,869	278,952.0	8.6	116	929
8KB	31	60% Seq 0% Read	480	300	-	-	-	23,105	184,840.0	13.0	23,105	184,840.0	13.0	77	616
8KB	32	30% Seq 0% Read	480	300	-	-	-	19,151	153,208.0	15.7	19,151	153,208.0	15.7	63	510
8KB	33	0% Seq 0% Read	480	300	-	-	-	18,909	151,272.0	15.9	18,909	151,272.0	15.9	63	504

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IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Seagate Momentus 7200.1 Avg Resp (R+W)	Seagate Momentus 7200.1 IOP Sec (R+W)	Seagate Momentus 7200.1 Bandwidth KB Sec (R+W)
16KB	35	100% Seq 100% Read	480	300	913,192	14,611,072.0	0.3	-	-	-	913,192	14,611,072.0	0.3	3,043	48,703
16KB	36	60% Seq 100% Read	480	300	44,291	708,656.0	6.8	-	-	-	44,291	708,656.0	6.8	147	2,362
16KB	37	30% Seq 100% Read	480	300	28,139	450,224.0	10.7	-	-	-	28,139	450,224.0	10.7	93	1,500
16KB	38	0% Seq 100% Read	480	300	20,797	332,752.0	14.4	-	-	-	20,797	332,752.0	14.4	69	1,109
16KB	39	100% Seq 60% Read	480	300	34,876	558,016.0	0.0	23,589	377,424.0	12.7	58,465	935,440.0	5.1	194	3,118
16KB	40	60% Seq 60% Read	480	300	17,856	285,696.0	6.2	12,126	194,016.0	15.6	29,982	479,712.0	10.0	99	1,599
16KB	41	30% Seq 60% Read	480	300	14,338	229,408.0	10.4	9,478	151,648.0	16.0	23,816	381,056.0	12.6	79	1,270
16KB	42	0% Seq 60% Read	480	300	11,882	190,112.0	14.4	7,907	126,512.0	16.3	19,789	316,624.0	15.2	65	1,055
16KB	43	100% Seq 30% Read	480	300	13,041	208,656.0	0.0	29,692	475,072.0	10.1	42,733	683,728.0	7.0	142	2,279
16KB	44	60% Seq 30% Read	480	300	7,447	119,152.0	5.9	17,601	281,616.0	14.6	25,048	400,768.0	12.0	83	1,335
16KB	45	30% Seq 30% Read	480	300	6,023	96,368.0	10.5	14,346	229,536.0	16.5	20,369	325,904.0	14.7	67	1,086
16KB	46	0% Seq 30% Read	480	300	5,676	90,816.0	14.3	13,492	215,872.0	16.2	19,168	306,688.0	15.7	63	1,022
16KB	47	100% Seq 0% Read	480	300	-	-	-	34,251	548,016.0	8.8	34,251	548,016.0	8.8	114	1,826
16KB	48	60% Seq 0% Read	480	300	-	-	-	21,543	344,688.0	13.9	21,543	344,688.0	13.9	71	1,148
16KB	49	30% Seq 0% Read	480	300	-	-	-	18,072	289,152.0	16.6	18,072	289,152.0	16.6	60	963
16KB	50	0% Seq 0% Read	480	300	-	-	-	18,549	296,784.0	16.2	18,549	296,784.0	16.2	61	989

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Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Seagate Momentus 7200.1 Avg Resp (R+W)	Seagate Momentus 7200.1 IOP Sec (R+W)	Seagate Momentus 7200.1 Bandwidth KB Sec (R+W)
32KB	52	100% Seq 100% Read	480	300	454,740	14,551,680.0	0.7	-	-	-	454,740	14,551,680.0	0.7	1,515	48,505
32KB	53	60% Seq 100% Read	480	300	37,265	1,192,480.0	8.1	-	-	-	37,265	1,192,480.0	8.1	124	3,974
32KB	54	30% Seq 100% Read	480	300	26,256	840,192.0	11.4	-	-	-	26,256	840,192.0	11.4	87	2,800
32KB	55	0% Seq 100% Read	480	300	20,365	651,680.0	14.7	-	-	-	20,365	651,680.0	14.7	67	2,172
32KB	56	100% Seq 60% Read	480	300	25,659	821,088.0	0.5	17,038	545,216.0	16.8	42,697	1,366,304.0	7.0	142	4,554
32KB	57	60% Seq 60% Read	480	300	16,682	533,824.0	6.6	11,128	356,096.0	17.0	27,810	889,920.0	10.8	92	2,966
32KB	58	30% Seq 60% Read	480	300	13,290	425,280.0	11.0	8,855	283,360.0	17.3	22,145	708,640.0	13.5	73	2,362
32KB	59	0% Seq 60% Read	480	300	11,672	373,504.0	14.7	7,639	244,448.0	16.8	19,311	617,952.0	15.5	64	2,059
32KB	60	100% Seq 30% Read	480	300	10,957	350,624.0	0.1	25,291	809,312.0	11.8	36,248	1,159,936.0	8.3	120	3,866
32KB	61	60% Seq 30% Read	480	300	6,993	223,776.0	6.3	16,426	525,632.0	15.6	23,419	749,408.0	12.8	78	2,498
32KB	62	30% Seq 30% Read	480	300	6,171	197,472.0	10.5	14,485	463,520.0	16.3	20,656	660,992.0	14.5	68	2,203
32KB	63	0% Seq 30% Read	480	300	5,716	182,912.0	14.7	12,903	412,896.0	16.7	18,619	595,808.0	16.1	62	1,986
32KB	64	100% Seq 0% Read	480	300	-	-	-	33,134	1,060,288.0	9.0	33,134	1,060,288.0	9.0	110	3,534
32KB	65	60% Seq 0% Read	480	300	-	-	-	19,915	637,280.0	15.1	19,915	637,280.0	15.1	66	2,124
32KB	66	30% Seq 0% Read	480	300	-	-	-	19,194	614,208.0	15.6	19,194	614,208.0	15.6	63	2,047
32KB	67	0% Seq 0% Read	480	300	-	-	-	17,958	574,656.0	16.7	17,958	574,656.0	16.7	59	1,915

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IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Seagate Momentus 7200.1 Avg Resp (R+W)	Seagate Momentus 7200.1 IOP Sec (R+W)	Seagate Momentus 7200.1 Bandwidth KB Sec (R+W)
64KB	69	100% Seq 100% Read	480	300	247,549	15,843,136.0	1.2	-	-	-	247,549	15,843,136.0	1.2	825	52,810
64KB	70	60% Seq 100% Read	480	300	32,754	2,096,256.0	9.2	-	-	-	32,754	2,096,256.0	9.2	109	6,987
64KB	71	30% Seq 100% Read	480	300	22,966	1,469,824.0	13.1	-	-	-	22,966	1,469,824.0	13.1	76	4,899
64KB	72	0% Seq 100% Read	480	300	19,518	1,249,152.0	15.4	-	-	-	19,518	1,249,152.0	15.4	65	4,163
64KB	73	100% Seq 60% Read	480	300	23,082	1,477,248.0	1.8	15,433	987,712.0	16.8	38,515	2,464,960.0	7.8	128	8,216
64KB	74	60% Seq 60% Read	480	300	14,907	954,048.0	7.8	9,868	631,552.0	18.7	24,775	1,585,600.0	12.1	82	5,285
64KB	75	30% Seq 60% Read	480	300	12,135	776,640.0	12.0	7,997	511,808.0	19.4	20,132	1,288,448.0	14.9	67	4,294
64KB	76	0% Seq 60% Read	480	300	11,083	709,312.0	15.5	7,228	462,592.0	17.8	18,311	1,171,904.0	16.4	61	3,906
64KB	77	100% Seq 30% Read	480	300	9,430	603,520.0	0.6	22,537	1,442,368.0	13.0	31,967	2,045,888.0	9.4	106	6,819
64KB	78	60% Seq 30% Read	480	300	6,214	397,696.0	7.0	14,727	942,528.0	17.4	20,941	1,340,224.0	14.3	69	4,467
64KB	79	30% Seq 30% Read	480	300	5,791	370,624.0	11.1	13,253	848,192.0	17.8	19,044	1,218,816.0	15.8	63	4,062
64KB	80	0% Seq 30% Read	480	300	5,414	346,496.0	15.4	12,249	783,936.0	17.7	17,663	1,130,432.0	17.0	58	3,768
64KB	81	100% Seq 0% Read	480	300	-	-	-	31,244	1,999,616.0	9.6	31,244	1,999,616.0	9.6	104	6,665
64KB	82	60% Seq 0% Read	480	300	-	-	-	20,662	1,322,368.0	14.5	20,662	1,322,368.0	14.5	68	4,407
64KB	83	30% Seq 0% Read	480	300	-	-	-	18,066	1,156,224.0	16.6	18,066	1,156,224.0	16.6	60	3,854
64KB	84	0% Seq 0% Read	480	300	-	-	-	17,095	1,094,080.0	17.5	17,095	1,094,080.0	17.5	56	3,646

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128KB	86	100% Seq 100% Read	480	300	101,332	12,970,496.0	3.0	-	-	-	101,332	12,970,496.0	3.0	337	43,234
128KB	87	60% Seq 100% Read	480	300	26,433	3,383,424.0	11.3	-	-	-	26,433	3,383,424.0	11.3	88	11,278
128KB	88	30% Seq 100% Read	480	300	20,280	2,595,840.0	14.8	-	-	-	20,280	2,595,840.0	14.8	67	8,652
128KB	89	0% Seq 100% Read	480	300	18,009	2,305,152.0	16.7	-	-	-	18,009	2,305,152.0	16.7	60	7,683
128KB	90	100% Seq 60% Read	480	300	14,531	1,859,968.0	5.6	9,769	1,250,432.0	22.3	24,300	3,110,400.0	12.3	81	10,368
128KB	91	60% Seq 60% Read	480	300	12,087	1,547,136.0	10.7	7,757	992,896.0	22.0	19,844	2,540,032.0	15.1	66	8,466
128KB	92	30% Seq 60% Read	480	300	10,584	1,354,752.0	14.3	6,922	886,016.0	21.5	17,506	2,240,768.0	17.1	58	7,469
128KB	93	0% Seq 60% Read	480	300	10,111	1,294,208.0	16.6	6,647	850,816.0	19.8	16,758	2,145,024.0	17.9	55	7,150
128KB	94	100% Seq 30% Read	480	300	6,581	842,368.0	3.7	15,141	1,938,048.0	18.2	21,722	2,780,416.0	13.8	72	9,268
128KB	95	60% Seq 30% Read	480	300	5,593	715,904.0	8.8	13,070	1,672,960.0	19.2	18,663	2,388,864.0	16.1	62	7,962
128KB	96	30% Seq 30% Read	480	300	4,944	632,832.0	12.6	11,720	1,500,160.0	20.3	16,664	2,132,992.0	18.0	55	7,109
128KB	97	0% Seq 30% Read	480	300	4,716	603,648.0	16.9	11,124	1,423,872.0	19.8	15,840	2,027,520.0	18.9	52	6,758
128KB	98	100% Seq 0% Read	480	300	-	-	-	27,550	3,526,400.0	10.9	27,550	3,526,400.0	10.9	91	11,754
128KB	99	60% Seq 0% Read	480	300	-	-	-	18,794	2,405,632.0	16.0	18,794	2,405,632.0	16.0	62	8,018
128KB	100	30% Seq 0% Read	480	300	-	-	-	15,762	2,017,536.0	19.0	15,762	2,017,536.0	19.0	52	6,725
128KB	101	0% Seq 0% Read	480	300	-	-	-	15,257	1,952,896.0	19.7	15,257	1,952,896.0	19.7	50	6,509

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256KB	103	100% Seq 100% Read	480	300	69,793	17,867,008.0	4.3	-	-	-	69,793	17,867,008.0	4.3	232	59,556
256KB	104	60% Seq 100% Read	480	300	19,042	4,874,752.0	15.8	-	-	-	19,042	4,874,752.0	15.8	63	16,249
256KB	105	30% Seq 100% Read	480	300	15,860	4,060,160.0	18.9	-	-	-	15,860	4,060,160.0	18.9	52	13,533
256KB	106	0% Seq 100% Read	480	300	14,053	3,597,568.0	21.3	-	-	-	14,053	3,597,568.0	21.3	46	11,991
256KB	107	100% Seq 60% Read	480	300	12,167	3,114,752.0	9.8	8,121	2,078,976.0	22.3	20,288	5,193,728.0	14.8	67	17,312
256KB	108	60% Seq 60% Read	480	300	9,194	2,353,664.0	14.7	6,127	1,568,512.0	26.9	15,321	3,922,176.0	19.6	51	13,073
256KB	109	30% Seq 60% Read	480	300	8,657	2,216,192.0	18.0	5,770	1,477,120.0	25.0	14,427	3,693,312.0	20.8	48	12,311
256KB	110	0% Seq 60% Read	480	300	7,965	2,039,040.0	20.5	5,439	1,392,384.0	25.1	13,404	3,431,424.0	22.4	44	11,438
256KB	111	100% Seq 30% Read	480	300	5,021	1,285,376.0	8.2	11,534	2,952,704.0	22.5	16,555	4,238,080.0	18.1	55	14,126
256KB	112	60% Seq 30% Read	480	300	4,466	1,143,296.0	14.0	10,364	2,653,184.0	22.9	14,830	3,796,480.0	20.2	49	12,654
256KB	113	30% Seq 30% Read	480	300	4,101	1,049,856.0	17.3	9,341	2,391,296.0	24.5	13,442	3,441,152.0	22.3	44	11,470
256KB	114	0% Seq 30% Read	480	300	3,944	1,009,664.0	19.8	9,094	2,328,064.0	24.4	13,038	3,337,728.0	23.0	43	11,125
256KB	115	100% Seq 0% Read	480	300	-	-	-	21,996	5,630,976.0	13.6	21,996	5,630,976.0	13.6	73	18,769
256KB	116	60% Seq 0% Read	480	300	-	-	-	14,424	3,692,544.0	20.8	14,424	3,692,544.0	20.8	48	12,308
256KB	117	30% Seq 0% Read	480	300	-	-	-	13,425	3,436,800.0	22.3	13,425	3,436,800.0	22.3	44	11,456
256KB	118	0% Seq 0% Read	480	300	-	-	-	12,712	3,254,272.0	23.6	12,712	3,254,272.0	23.6	42	10,847

Your performance WILL vary

Worker count = 1

5/17/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate Momentus 7200.1 7.2K RPM 160GB 2.5" SATA HDD Raw (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Seagate Momentus 7200.1 Avg Resp (R+W)	Seagate Momentus 7200.1 IOP Sec (R+W)	Seagate Momentus 7200.1 Bandwidth KB Sec (R+W)
512KB	120	100% Seq 100% Read	480	300	28,740	14,714,880.0	10.4	-	-	-	28,740	14,714,880.0	10.4	95	49,049
512KB	121	60% Seq 100% Read	480	300	13,965	7,150,080.0	21.5	-	-	-	13,965	7,150,080.0	21.5	46	23,833
512KB	122	30% Seq 100% Read	480	300	12,566	6,433,792.0	23.9	-	-	-	12,566	6,433,792.0	23.9	41	21,445
512KB	123	0% Seq 100% Read	480	300	11,446	5,860,352.0	26.2	-	-	-	11,446	5,860,352.0	26.2	38	19,534
512KB	124	100% Seq 60% Read	480	300	8,328	4,263,936.0	14.3	5,430	2,780,160.0	33.3	13,758	7,044,096.0	21.8	45	23,480
512KB	125	60% Seq 60% Read	480	300	6,923	3,544,576.0	20.9	4,589	2,349,568.0	33.9	11,512	5,894,144.0	26.1	38	19,647
512KB	126	30% Seq 60% Read	480	300	6,831	3,497,472.0	22.9	4,510	2,309,120.0	31.8	11,341	5,806,592.0	26.5	37	19,355
512KB	127	0% Seq 60% Read	480	300	6,319	3,235,328.0	25.5	4,198	2,149,376.0	33.0	10,517	5,384,704.0	28.5	35	17,949
512KB	128	100% Seq 30% Read	480	300	4,501	2,304,512.0	12.5	10,494	5,372,928.0	23.2	14,995	7,677,440.0	20.0	49	25,591
512KB	129	60% Seq 30% Read	480	300	3,197	1,636,864.0	23.2	7,747	3,966,464.0	29.1	10,944	5,603,328.0	27.4	36	18,677
512KB	130	30% Seq 30% Read	480	300	3,224	1,650,688.0	24.3	7,119	3,644,928.0	31.1	10,343	5,295,616.0	29.0	34	17,652
512KB	131	0% Seq 30% Read	480	300	3,011	1,541,632.0	24.8	6,956	3,561,472.0	32.4	9,967	5,103,104.0	30.1	33	17,010
512KB	132	100% Seq 0% Read	480	300	-	-	-	16,859	8,631,808.0	17.8	16,859	8,631,808.0	17.8	56	28,772
512KB	133	60% Seq 0% Read	480	300	-	-	-	11,333	5,802,496.0	26.5	11,333	5,802,496.0	26.5	37	19,341
512KB	134	30% Seq 0% Read	480	300	-	-	-	9,989	5,114,368.0	30.0	9,989	5,114,368.0	30.0	33	17,047
512KB	135	0% Seq 0% Read	480	300	-	-	-	9,490	4,858,880.0	31.6	9,490	4,858,880.0	31.6	31	16,196



## Your performance WILL vary

Worker count = 1

5/17/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate Momentus 7200.1 7.2K RPM 160GB 2.5" SATA HDD Raw (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Seagate Momentus 7200.1 Avg Resp (R+W)	Seagate Momentus 7200.1 IOP Sec (R+W)	Seagate Momentus 7200.1 Bandwidth KB Sec (R+W)
1024KB	137	100% Seq 100% Read	480	300	15,304	15,671,296.0	19.6	-	-	-	15,304	15,671,296.0	19.6	51	52,237
1024KB	138	60% Seq 100% Read	480	300	9,973	10,212,352.0	30.1	-	-	-	9,973	10,212,352.0	30.1	33	34,041
1024KB	139	30% Seq 100% Read	480	300	8,547	8,752,128.0	35.1	-	-	-	8,547	8,752,128.0	35.1	28	29,173
1024KB	140	0% Seq 100% Read	480	300	8,232	8,429,568.0	36.4	-	-	-	8,232	8,429,568.0	36.4	27	28,098
1024KB	141	100% Seq 60% Read	480	300	4,809	4,924,416.0	30.0	3,163	3,238,912.0	49.3	7,972	8,163,328.0	37.6	26	27,211
1024KB	142	60% Seq 60% Read	480	300	4,937	5,055,488.0	29.7	3,312	3,391,488.0	46.4	8,249	8,446,976.0	36.4	27	28,156
1024KB	143	30% Seq 60% Read	480	300	4,384	4,489,216.0	32.7	3,065	3,138,560.0	51.1	7,449	7,627,776.0	40.3	24	25,425
1024KB	144	0% Seq 60% Read	480	300	4,491	4,598,784.0	35.5	2,883	2,952,192.0	48.7	7,374	7,550,976.0	40.7	24	25,169
1024KB	145	100% Seq 30% Read	480	300	2,261	2,315,264.0	26.9	5,474	5,605,376.0	43.7	7,735	7,920,640.0	38.8	25	26,402
1024KB	146	60% Seq 30% Read	480	300	2,277	2,331,648.0	31.2	5,124	5,246,976.0	44.7	7,401	7,578,624.0	40.5	24	25,262
1024KB	147	30% Seq 30% Read	480	300	2,009	2,057,216.0	35.6	4,898	5,015,552.0	46.7	6,907	7,072,768.0	43.4	23	23,575
1024KB	148	0% Seq 30% Read	480	300	2,009	2,057,216.0	35.2	4,781	4,895,744.0	47.9	6,790	6,952,960.0	44.2	22	23,176
1024KB	149	100% Seq 0% Read	480	300	-	-	-	7,132	7,303,168.0	42.1	7,132	7,303,168.0	42.1	23	24,343
1024KB	150	60% Seq 0% Read	480	300	-	-	-	7,002	7,170,048.0	42.8	7,002	7,170,048.0	42.8	23	23,900
1024KB	151	30% Seq 0% Read	480	300	-	-	-	6,555	6,712,320.0	45.8	6,555	6,712,320.0	45.8	21	22,374
1024KB	152	0% Seq 0% Read	480	300	-	-	-	6,350	6,502,400.0	47.2	6,350	6,502,400.0	47.2	21	21,674

## Your performance WILL vary

Worker count = 1

5/17/2013

Note: High IO rates/transfers at 100% seq, 100% read may be locality of reference of drive level cache

Seagate Momentus 7200.1 7.2K RPM 160GB 2.5" SATA HDD Raw (Non-filesystem)

Test / Step information section					Reads			Writes			Totals (R+W)		Overall Averages (R+W)		
IO Size	Test Step	Pattern	Total Run Time Sec (with pauses)	Test Time Sec	Total Reads	Total Read KB	Avg Read Resp	Total Writes	Total Write KB	Avg Write Resp	Total IO (R+W)	Total KB (R+W)	Seagate Momentus 7200.1 Avg Resp (R+W)	Seagate Momentus 7200.1 IOP Sec (R+W)	Seagate Momentus 7200.1 Bandwidth KB Sec (R+W)
2048KB	154	100% Seq 100% Read	480	300	7,460	15,278,080.0	40.2	-	-	-	7,460	15,278,080.0	40.2	24	50,926
2048KB	155	60% Seq 100% Read	480	300	6,044	12,378,112.0	49.6	-	-	-	6,044	12,378,112.0	49.6	20	41,260
2048KB	156	30% Seq 100% Read	480	300	5,581	11,429,888.0	53.8	-	-	-	5,581	11,429,888.0	53.8	18	38,099
2048KB	157	0% Seq 100% Read	480	300	5,273	10,799,104.0	56.9	-	-	-	5,273	10,799,104.0	56.9	17	35,997
2048KB	158	100% Seq 60% Read	480	300	2,919	5,978,112.0	44.9	1,934	3,960,832.0	87.4	4,853	9,938,944.0	61.8	16	33,129
2048KB	159	60% Seq 60% Read	480	300	3,254	6,664,192.0	43.0	2,158	4,419,584.0	74.1	5,412	11,083,776.0	55.4	18	36,945
2048KB	160	30% Seq 60% Read	480	300	2,853	5,842,944.0	52.9	1,902	3,895,296.0	78.3	4,755	9,738,240.0	63.1	15	32,460
2048KB	161	0% Seq 60% Read	480	300	2,796	5,726,208.0	55.9	1,808	3,702,784.0	79.4	4,604	9,428,992.0	65.2	15	31,429
2048KB	162	100% Seq 30% Read	480	300	1,592	3,260,416.0	40.1	3,683	7,542,784.0	64.1	5,275	10,803,200.0	56.9	17	36,010
2048KB	163	60% Seq 30% Read	480	300	1,436	2,940,928.0	41.7	3,400	6,963,200.0	70.6	4,836	9,904,128.0	62.0	16	33,013
2048KB	164	30% Seq 30% Read	480	300	1,354	2,772,992.0	48.7	3,150	6,451,200.0	74.3	4,504	9,224,192.0	66.6	15	30,747
2048KB	165	0% Seq 30% Read	480	300	1,325	2,713,600.0	55.6	2,939	6,019,072.0	77.0	4,264	8,732,672.0	70.3	14	29,108
2048KB	166	100% Seq 0% Read	480	300	-	-	-	5,518	11,300,864.0	54.4	5,518	11,300,864.0	54.4	18	37,669
2048KB	167	60% Seq 0% Read	480	300	-	-	-	4,111	8,419,328.0	73.0	4,111	8,419,328.0	73.0	13	28,064
2048KB	168	30% Seq 0% Read	480	300	-	-	-	3,927	8,042,496.0	76.4	3,927	8,042,496.0	76.4	13	26,808
2048KB	169	0% Seq 0% Read	480	300	-	-	-	4,031	8,255,488.0	74.4	4,031	8,255,488.0	74.4	13	27,518